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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number	09/992,845
Filing Date	November 14, 2001
First Named Inventor	McDonald, Karen A.
Group Art Unit	1638
Examiner Name	Unassigned
Attorney Docket Number	02307O-114510US

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RK	AA	6,127,145		Sutliff <i>et al.</i>	10-03-2000	

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RK	AB	WO	95/14099		Regents of The University of California	05-26-1995		

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RK	AC	DES MOLLES, D.V. <i>et al.</i> , "Expression of a Carrot Invertase Gene in Tobacco Suspension Cells Cultivated in Batch and Continuous Culture Conditions," <i>Journal Bioscience Bioeng.</i> , 87:302-306 (1999)	
RK	AD	FISCHER, U. <i>et al.</i> , "Semicontinuous cultivation of photoautotrophic cell suspension cultures in a 20 l airlift-reactor," <i>Plant Cell, Tissue and Organ Culture</i> , 38:123-134 (1994)	
RK	AE	HUANG, N. <i>et al.</i> , "Metabolic regulation of $\alpha$ -amylase gene expression in transgenic cell cultures of rice ( <i>Oryza sativa</i> L.), <i>Plant Molecular Biology</i> , 23:737-747 (1993)	
RK	AF	HUANG, N. <i>et al.</i> , "Structural organization and differential expression of rice $\alpha$ -amylase genes," <i>Nucleic Acids Research</i> , 18(23):7007-7014 (1990)	
RK	AG	MOORHOUSE, S.D. <i>et al.</i> , "A plant cell bioreactor with medium-perfusion for control of somatic embryogenesis in liquid cell suspensions," <i>Plant Growth Regulation</i> , 20:53-56 (1996)	
RK	AH	OZTURK, S.S., "Engineering challenges in high density cell culture systems," <i>Cytotechnology</i> , 22:3-16 (1996)	
RK	AI	PHISALAPHONG, M. and LINDEN, J.C., "Kinetic Studies of Paclitaxel Production by <i>Taxus canadensis</i> Cultures in Batch and Semicontinuous with Total Cell Recycle," <i>Biotechnol. Prog.</i> , 15:1072-1077 (1999)	

Examiner  
Signature

*Russell K. Kelly*

Date  
Considered

*2/4/04*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

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Application Number 09/992,845  
Filing Date November 14, 2001  
First Named Inventor McDonald, Karen A.  
Group Art Unit 1638  
Examiner Name Unassigned  
Attorney Docket Number 023070-114510US

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RF	AJ	RYLAND, J.R. et al., "Effect of Gelatin on the Stability of Heavy Chain Monoclonal Antibody Production from Plant Suspension Cultures," <i>J. Microbiol. Biotechnol.</i> 10(4):449-454 (2000)	
	AK	SCRAGG, A.H. et al., "Growth of <i>Catharanthus roseus</i> suspensions for maximum biomass and alkaloid accumulation," <i>Enzyme Microb. Technol.</i> 12:292-298 (1990)	
	AL	SEKI, M. et al., "Taxol (Paclitaxel) Production Using Free and Immobilized Cells of <i>Taxus cuspidata</i> ," <i>Biotechnology and Bioengineering</i> , 53(2):214-219 (1997)	
	AM	SU, W.W. and LEI, F., "Perfusion Strategy for Rosmarinic Acid Production by <i>Anchusa officinalis</i> ," <i>Biotechnology and Bioengineering</i> , 42(7):884-890 (1993)	
	AN	SU, W.W. et al., "High density cultivation of <i>Anchusa officinalis</i> in a stirred-tank bioreactor with <i>in situ</i> filtration," <i>Appl. Microbiol. Biotechnol.</i> , 44:293-299 (1995)	
	AO	SU, W.W. et al., "A perfusion air-lift bioreactor for high density plant cell cultivation and secreted protein production," <i>Journal of Biotechnology</i> , 50:225-233 (1996)	
	AP	TEN HOOPEN, H.J.G. et al., "Continuous Culture of Suspended Plant Cells," <i>In Vitro Cell Dev. Biol.</i> , 28P:115-120 (1992)	
	AQ	TERASHIMA, M. et al., "Effects of sugar concentration on recombinant human $\alpha_1$ -antitrypsin production by genetically engineered rice cell," <i>Biochemical Engineering Journal</i> , 6:201-205 (2000)	
	AR	TERASHIMA, M. et al., "Production of functional human $\alpha_1$ -antitrypsin by plant cell culture," <i>Appl. Microbiol. Biotechnol.</i> , 52:516-523 (1999)	
RY			

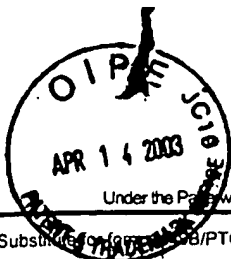
Examiner Signature	<i>Russell Kallis</i>	Date Considered	2/4/04
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RK	AA	US-4,064,015	12/20/1977	Nyiri et al.	
RK	AB	US-5,693,506	12/02/1997	Rodriguez	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RK	AC	van Lier et al., "Long-term semi-continuous production of recombinant baculovirus protein in a repeated (fed-) batch two-stage reactor system", Enzyme and Microbial Technology 18:460-466 (1996).	
RK	AD	Glick et al., "Molecular Biotechnology: Principles and Applications of Recombinant DNA", ASM Press, Washington, D.C., page 312, lines 1-8, (1994).	

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Examiner Signature	Russell Kallin		Date Considered 2/4/04

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